

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A system for managing wireless data access comprising:
  - a database to store user data associated with wireless service provider user accounts, the database including user data for prepaid users and user data for postpaid users, the data for prepaid users including lease status data;
  - a dispatcher to receive a request for data services from a wireless device, the dispatcher to query the database to determine whether the wireless device is associated with a prepaid account or a postpaid account on the wireless service provider, wherein if the wireless device is associated with a prepaid account, the dispatcher reads the lease status data to determine whether the account has a lease expiration indication and, if so, formats a lease renewal request according to a first data format over a local data network;
  - a billing server to receive the lease renewal request from the dispatcher in the first data format and to reformat the request to a second data format, the second data format compatible with a charge control node ("CCN") employed on the wireless service provider, the billing server to receive a response from the CCN indicating whether a lease associated with the wireless device is to be renewed and to reformat the response from the second data format to the first data format and to send the reformatted response to the dispatcher; and
  - policy management logic to limit access to data services for the wireless device if the response indicates insufficient funds associated with the wireless device account or to allow access to data services if the response indicates a successful lease renewal.

2. (Original) The system as in claim 1 wherein the first data format is an extensible markup language/remote procedure call ("XML-RPC") format.

3. (Original) The system as in claim 1 wherein limiting access to data services comprises blocking access to data services.

4. (Original) The system as in claim 1 wherein the CCN is an Ericsson CCN and wherein the second data format comprises Diameter interface specifications over a TCP/IP communication channel.

5. (Original) The system as in claim 1 wherein if the wireless device is initially blocked by the policy management logic due to insufficient funds, and a user reattempts to access data services after a specified period of time, the dispatcher again reads the lease status data from the database to determine whether the account still has a lease expiration indication and, if so, formats another lease renewal request according to the first data format over the local data network; and wherein the billing server determines via the CNN whether the wireless device account still has insufficient funds and to communicate back to the dispatcher; and wherein the policy management logic executed on the dispatcher again limits access to data services for the wireless device if the response indicates insufficient funds or allows access to data services if the response indicates a successful lease renewal.

6. (Original) The system as in claim 1 further comprising:  
a premium download manager to manage content requested and/or downloaded by the wireless device, wherein when a wireless device is associated with a prepaid account, the premium download manager transmits a

charge request to the billing server in the first data format in response to a request to purchase content sent from the wireless device, the billing server converting the request to the second format and transmitting the request to the CCN,

wherein if the CCN indicates that the user has sufficient funds to make the content purchase, the premium download manager allows the content to be transmitted to the wireless device; and

wherein if the CCN indicates that the user has insufficient funds to make the content purchase, the premium download manager prohibits the content from being downloaded to the wireless device.

7. (Original) The system as in claim 1 further comprising:

a director server to initially receive the request for data services from the wireless device and to forward the request to a particular dispatcher.

8. (Original) The system as in claim 7 wherein the director selects the particular dispatcher by querying the database to determine whether the wireless device is registered as "online" within the database and, if so, identifying the particular dispatcher from the database.

9. (Original) The system as in claim 1 further comprising:

a database proxy server to receive database queries formatted according to the first data format and to convert the database queries into a third format compatible with the database.

10. (Original) The system as in claim 1 further comprising:

a proxy to retrieve content from the Internet in response to requests from the wireless device, convert the content into a format which the wireless device can interpret, and forward the converted content to the wireless device via the wireless service provider.

11. (Original) The system as in claim 1 wherein limiting access by the policy management logic comprises allowing only certain specified types of notifications to be sent to the wireless device.

12. (Original) The system as in claim 1 wherein if the policy management logic allows access to data services, the dispatcher couples the wireless device to data services and caches the lease expiration indication with a connection context of the wireless device.

13. (Original) The system as in claim 12 wherein, when the lease expiration indication comprises a lease expiry time, wherein when the lease expiry time is reached, the dispatcher again formats a lease renewal request according to a first data format over a local data network to the billing server.

14. (Original) The system as in claim 1 wherein each of the servers comprise individual processes within a single physical machine.

15. (Original) The system as in claim 1 wherein the policy management logic is executed on the dispatcher.

16. (Original) A system comprising:

database means to store user data associated with wireless service provider user accounts, the database means including user data for prepaid users and user data for postpaid users, the data for prepaid users including lease status data;

dispatcher means to receive a request for data services from a wireless device, the dispatcher means to query the database means to determine whether the wireless device is associated with a prepaid account or a postpaid account on the wireless service provider, wherein if the wireless device is associated with a prepaid account, the dispatcher means reads the lease status data to determine whether the account has a lease expiration indication and, if so, formats a lease renewal request according to a first data format over a local data network;

billing means to receive the lease renewal request from the dispatcher means in the first data format and to reformat the request to a second data format, the second data format compatible with a charge control node ("CCN") employed on the wireless service provider, the billing means to receive a response from the CCN indicating whether a lease associated with the wireless device is to be renewed and to reformat the response from the second data format to the first data format and to send the reformatted response to the dispatcher means; and

policy management means to limit access to data services for the wireless device if the response indicates insufficient funds associated with the wireless device account or to allow access to data services if the response indicates a successful lease renewal.

17. (Original) The system as in claim 16 further comprising:  
premium download means to manage content requested and/or downloaded by the wireless device, wherein when a wireless device is associated with a prepaid account, the premium download means transmits a charge request to the billing means in the first data format in response to a request to purchase content sent from the wireless device, the billing means converting the request to the second format and transmitting the request to the CCN,

wherein if the CCN indicates that the user has sufficient funds to make the content purchase, the premium download means allows the content to be transmitted to the wireless device; and

wherein if the CCN indicates that the user has insufficient funds to make the content purchase, the premium download means prohibits the content from being downloaded to the wireless device.

18. (Original) The system as in claim 16 further comprising:  
director means to initially receive the request for data services from the wireless device and to forward the request to a particular dispatcher means.

19. (Original) The system as in claim 18 wherein the director means selects the particular dispatcher means by querying the database means to determine whether the wireless device is registered as "online" within the database means and, if so, identifying the particular dispatcher means from the database means.

20. (Original) The system as in claim 16 further comprising:

proxy means to receive database queries formatted according to the first data format and to convert the database queries into a third format compatible with the database means.